EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5860	((defocus$4 or spherical) near2 aberration) near10 (increas$4 or add$4 or includ$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L2	16938	(deform$4 or variable) near2 (mirror or reflect$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L3	38	L1 same L2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L4	1413	(increas$4 or add$6) near3 (aberration or ((spherical or defocus or coma) near2 (aberration))) near5 (light or beam)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L5	4892	(control$4 or chang$4 or adjust$4) near3 (wavefront or (wave adj front))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L6	8	L4 same L5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L7	2251	(increas$4 or add$6) near5 (astigmatism or aberration or ((spherical or defocus or coma) near2 (aberration))) near5 (light or beam)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L8	15218	(increas$4 or add$6) near5 (astigmatism or aberration or ((spherical or defocus or coma) near2 (aberration)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L9	6451	(control$4 or chang$4 or adjust$4 or modify$4) near5 (wavefront or (wave adj front))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L10	23	L7 same L9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08

L11	193	L8 same L9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L12	170	L11 not L10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L13	1	11/392645	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L14	0	("2006/0221797").URPN.	USPAT	OR	ON	2010/12/04 12:08
L15	13	"6282164"	USPAT	OR	ON	2010/12/04 12:08
L16	6	("20020018409" | "20040246834" | "20050030877" | "20050163015" | "20050190681" | "6282164").PN.	US-PGPUB; USPAT	OR	ON	2010/12/04 12:08
L17	2959	(provid$4) near5 (astigmatism or aberration or ((spherical or defocus or coma) near2 (aberration)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L18	46	L17 same L9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L19	0	("2005/0190681").URPN.	USPAT	OR	ON	2010/12/04 12:08
L20	220	369/112.29.ccls.	USPAT	OR	ON	2010/12/04 12:08
L21	526	369/112.23.ccls.	USPAT	OR	ON	2010/12/04 12:08
L22	16957	(increas$4 or add$6 or provid$4) near5 (astigmatism or aberration or ((spherical or defocus or coma) near2 (aberration)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L23	163	L22 and (L20 or L21)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L24	154	L23 not L11	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08

L25	2658	(increas$4 or add$6 or provid$4) near5 (astigmatism or aberration or ((spherical or defocus or coma) near2 (aberration))) near5 (light or beam)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L26	56	L25 and (L20 or L21)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L27	52	L26 not L11	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L28	78	((detect$4 or measur$4 or determin$4 or judg$4) near2 tilt$4) near10 (optical near2 path)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L29	13	L28 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L30	21	((detect$4 or measur$4 or determin$4 or judg$4) near2 (tilt$4 or inclin$6)) near15 ((length or distance) near3 (optical near2 path))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L31	39008	((length or distance) near3 (optical near2 path))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L32	220	369/112.29.ccls.	USPAT	OR	ON	2010/12/04 12:08
L33	526	369/112.23.ccls.	USPAT	OR	ON	2010/12/04 12:08
L34	104	L31 and (L32 or L33)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:08
L36	1061	369/44.32.ccls.	USPAT	OR	ON	2010/12/04 12:27
L37	272	L22 and (L20 or L21 or L36)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:27
L38	84	L25 and (L20 or L21 or L36)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/12/04 12:27

| L46 | 4763 | (((aberration or defocus$4) near2 cancel$4) or ((cancel $4 or eliminat$4 or decreas $4 or reduc$4) near2 (defocus$4 or spherical) near2 aberration)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/12/04 12:37 |
| L47 | 141 | L46 and (L20 or L21 or L36) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2010/12/04 12:37 |

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L40	193	(((aberration or defocus$4) near2 cancel$4) or ((cancel $4 or eliminat$4 or decreas$4 or reduc$4) near2 (defocus$4 or spherical) near2 aberration)).clm.	USPAT; UPAD	OR	ON	2010/12/04 12:31
L41	3285	(condens$4 near2 lens).clm.	USPAT; UPAD	OR	ON	2010/12/04 12:33
L42	14	L40 and L41	USPAT; UPAD	OR	ON	2010/12/04 12:34
L43	481	(((aberration or defocus$4) near2 (increas$4 or add$4 or includ$4)) or ((increas $4 or add$4 or includ $4) near2 (defocus$4 or spherical) near2 aberration)).clm.	USPAT; UPAD	OR	ON	2010/12/04 12:36
L44	108	((increas$4 or add$6 or provid$4) near5 (astigmatism or aberration or ((spherical or defocus or coma) near2 (aberration))) near5 (light or beam)).clm.	USPAT; UPAD	OR	ON	2010/12/04 12:36
L45	13	(L43 or L44) and L41	USPAT; UPAD	OR	ON	2010/12/04 12:37

| L48 | 533 | ((control$4 or chang$4 or adjust$4 or modify$4) near5 (wavefront or (wave adj front))).clm. | USPAT; UPAD | OR | ON | 2010/12/04 12:38 |
| L49 | 4 | L40 and L48 | USPAT; UPAD | OR | ON | 2010/12/04 12:38 |

12/4/2010 12:39:55 PM
C:\Documents and Settings\lbibbins\My Documents\EAST\Workspaces\10-560810_revC.wsp